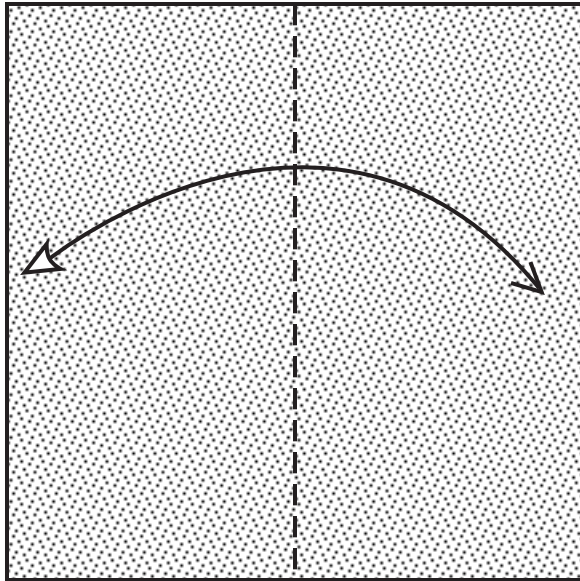


# Weighted Vase

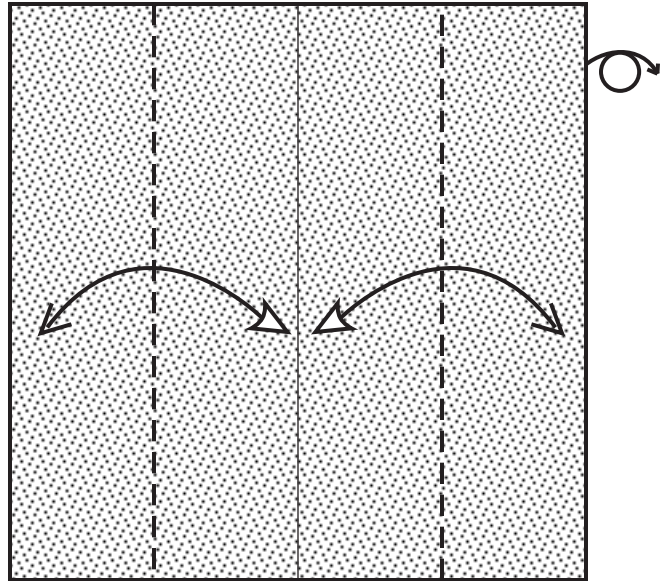
by Kalei Anne Lundberg  
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This model was heavily inspired by a discussion on the Origami List and the Rose by Toshikazu Kawasaki from Origami for the Connoisseur. A 10" square will make a vase about 4" tall. Fender washers or coins are used for the weight.

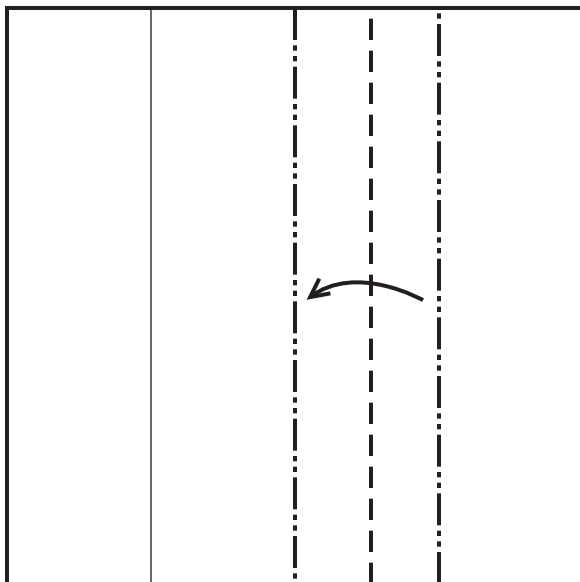
The diagrams are offered for personal use; for any other use please contact me for permission at [models@kalei.com](mailto:models@kalei.com).



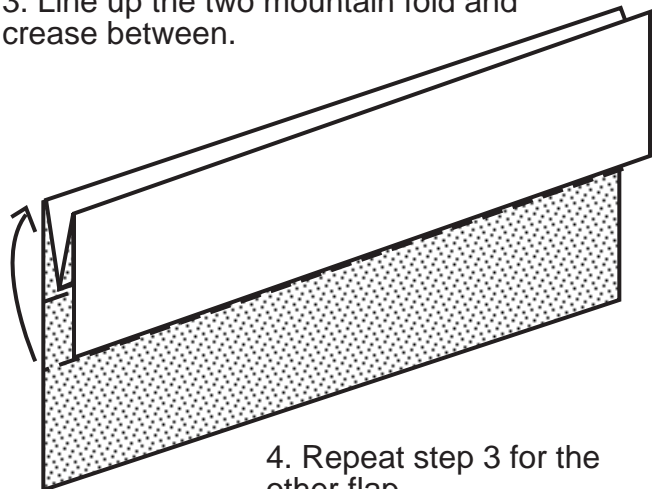
1. Valley fold and unfold.



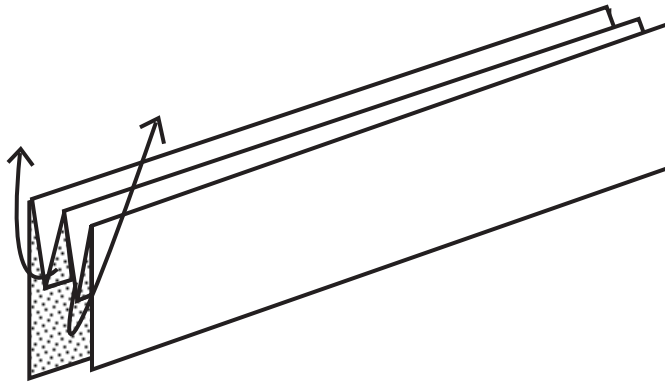
2. Book fold and unfold. Turn paper over.



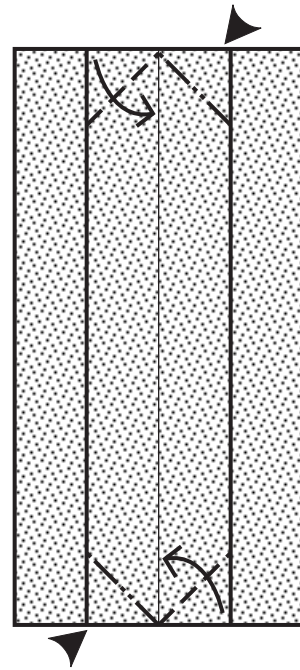
3. Line up the two mountain fold and crease between.



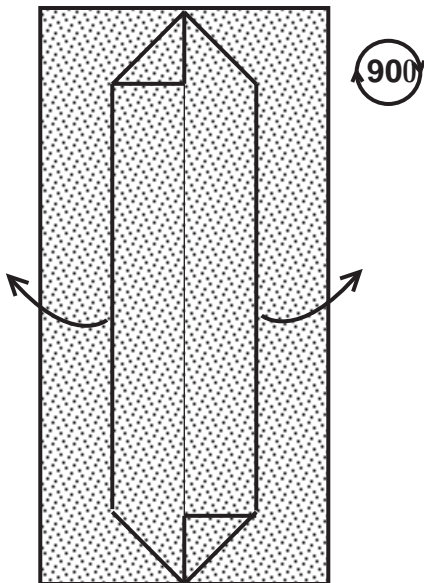
4. Repeat step 3 for the other flap.



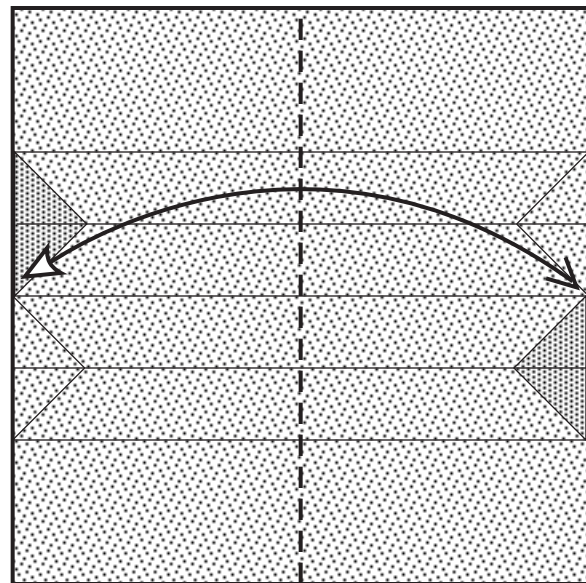
5. Open paper upwards to preserve the center pleat.



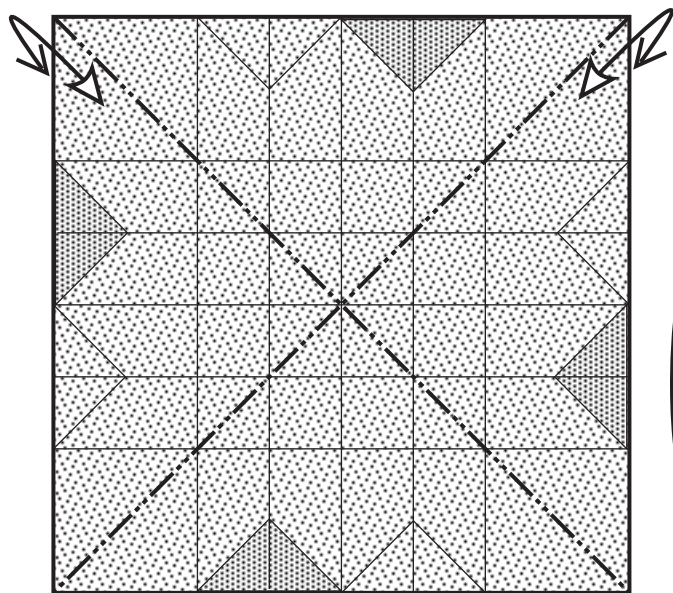
6. Inside reverse fold the bottom left and top right corner of the pleat. Valley fold the other two corners.



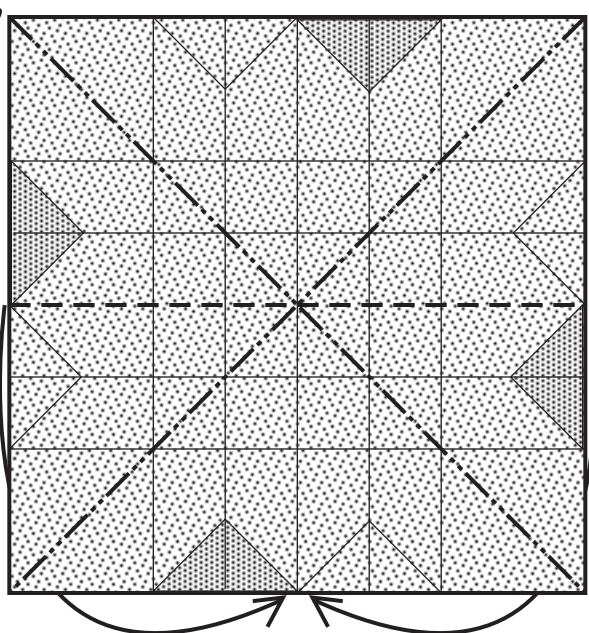
7. Unfold all and turn paper 90 degrees.



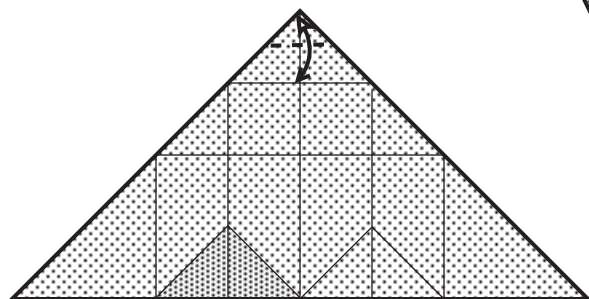
8. Repeat steps 1-7 to complete the basic grid. Note: I will color the inside reverse folds from step 6 to identify their placement so they may be used as a landmark for the twist.



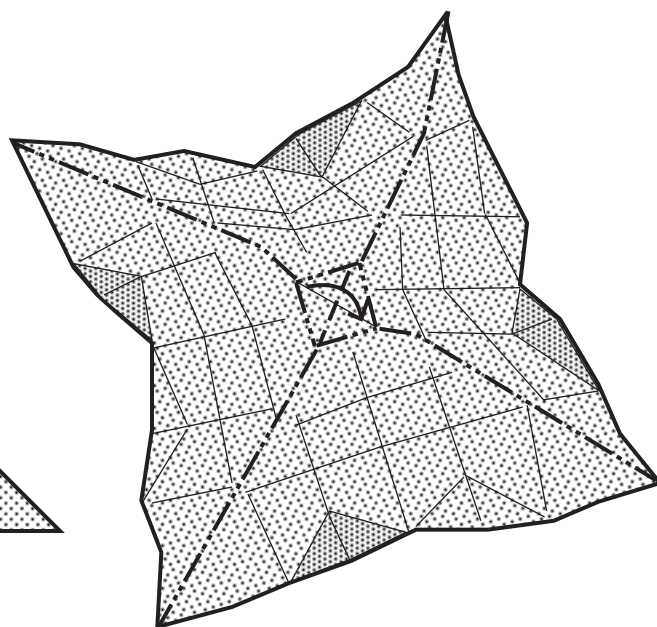
9. Mountain fold and unfold the two diagonals.



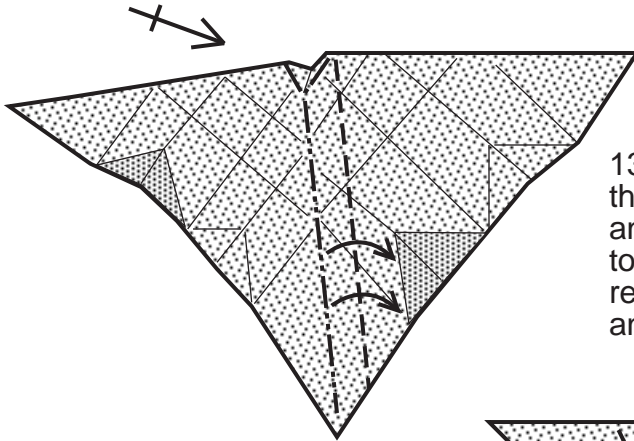
10. Collapse into a colored waterbomb fold.



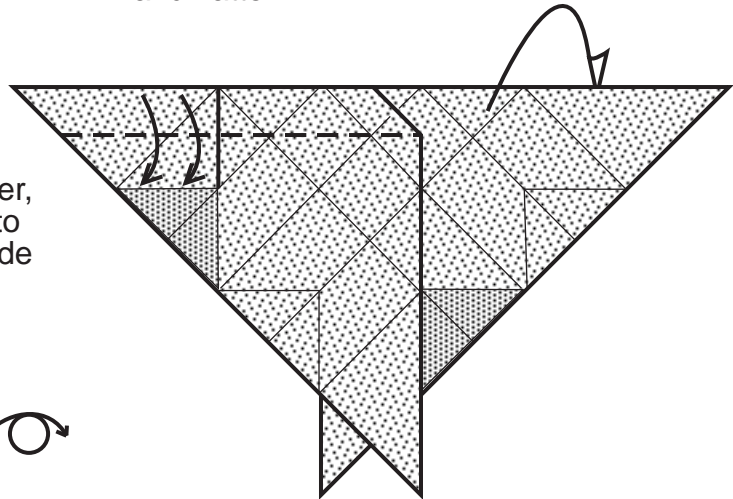
11. Valley fold and unfold the tip to the first crease line. Open up the paper.



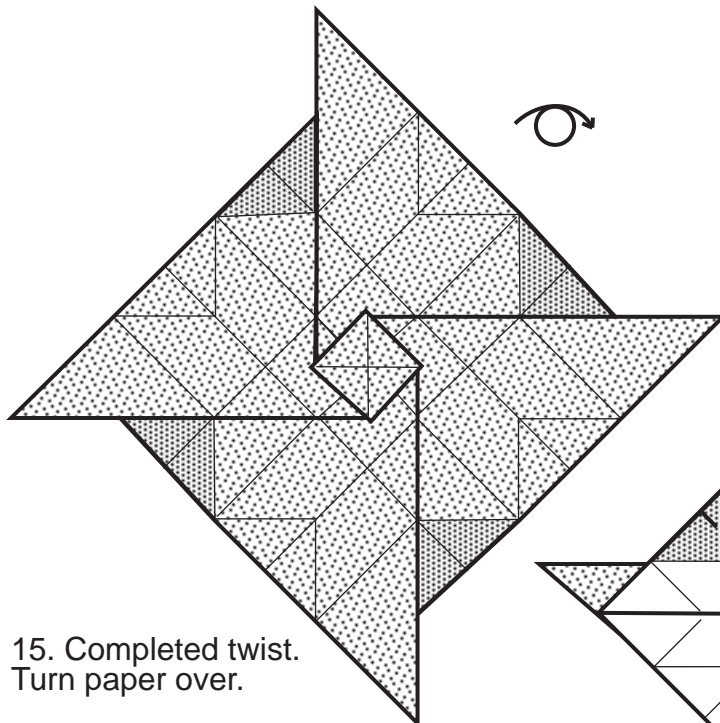
12. Pinch the four sides of the center square into mountain folds. Then preserving the mountain folds that rise from the corners valley fold just the center square in half along one of its diagonals. (A half sink)



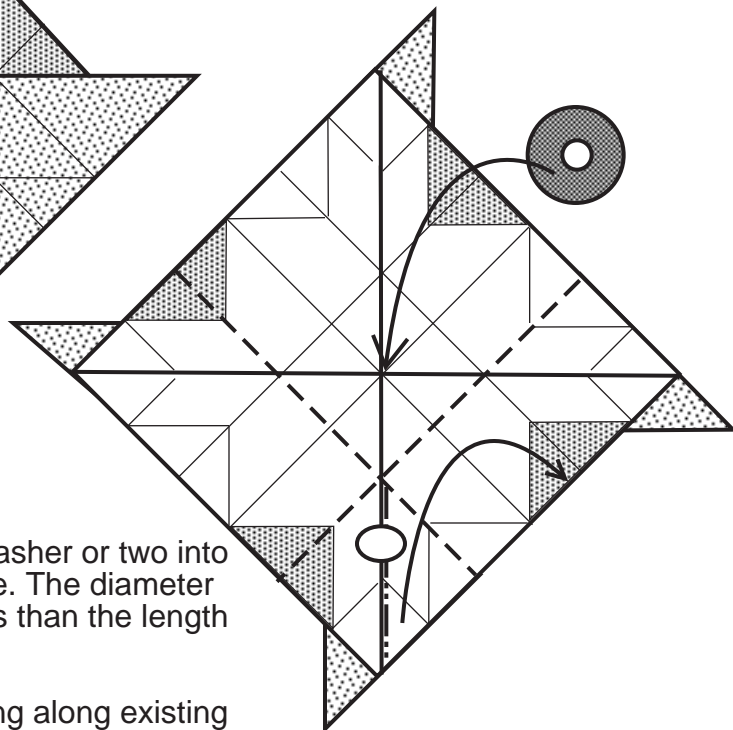
13. Once the half sink is collapsed there will be extra paper on the front and the back. Valley fold this paper to align along the edge of the inside reverse from step 6 on both sides and flatten.



14. While opening up the paper, valley fold the top two edges to align with their respective inside reverses, and flatten.

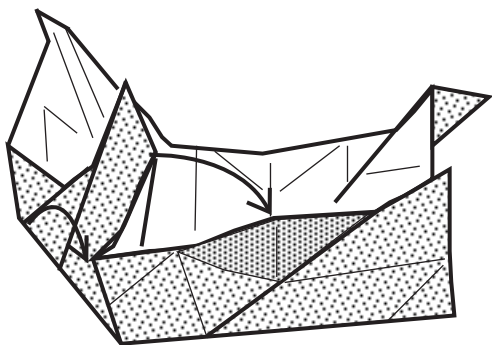


15. Completed twist. Turn paper over.

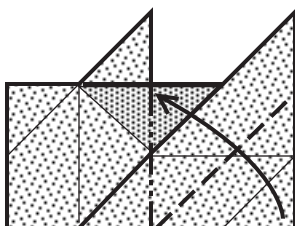


16. Insert a coin or a metal fender washer or two into the twisted pocket to weight the vase. The diameter of the weight should be just a bit less than the length of one side of the twisted pocket.

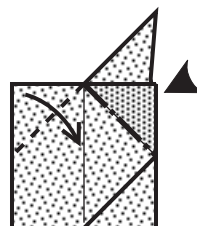
Form the box corners by valley folding along existing creases. The mountain fold indicated by the white circle will be a new crease and complete the accordion pleat in the corner.



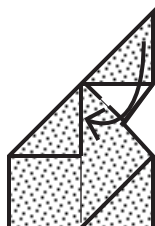
17. Step 16 in progress. Note that the accordion pleat radiating from the corner will align with the center line of the inside reverse.



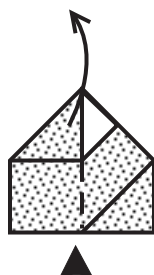
18. Make the corners on the other 3 sides. Note: This diagram shows only one face as the model is now 3D.



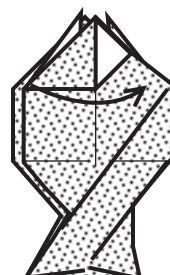
19. Valley fold the top left corner along existing crease and reform the inside reverse.



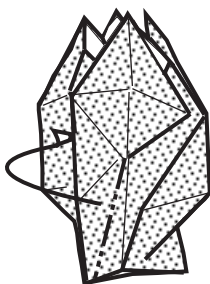
20. Valley fold the top over and insert into the pocket formed by the valley fold. Repeat for each corner. Note: If necessary a paper clip can be used to hold the lock in place until after the elongation.



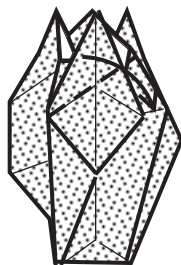
21. Holding the four points together push along the center creases of the four sides until they meet in the center to form a channel to hold the stems. This will elongate the model and partially untwist the bottom pocket.



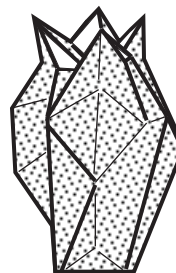
22. Fold the top layer to the right on all four sides.



23. Finish the elongation by pinching a mountain fold though both layers from the bottom of the folded over flap to the corner on the left for each of the four sides.



24. Valley fold the top point down through all layers at the indicated angle on each side. This just helps to keep the flap in the open position.



25. Pinch the center opening together...all done. If more weight is needed, the pyramidal void in the bottom of the vase can be filled with small ball bearings or BBs.